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US 20070015367 A1	US- PGPUB	20070118	Electrochemical fabrication methods including use of surface treatments to reduce overplating and/or planarization during formation of multi-layer three-dimensional structures	438/697		Cohen; Adam L. et al.
US 20070010836 A1	US- PGPUB	20070111	Endoscopic fundoplication devices and methods for treatment of gastroesophageal reflux disease	606/153		Grigoryants; Sergey S. et al.
US 20060286829 A1	US- PGPUB	20061221	Microprobe tips and methods for making	439/81		Kim; Kieun et al.
US 20060283712 A1	US- PGPUB	20061221	Micro-turbines, roller bearings, bushings, and design of hollow closed structures and fabrication methods for creating such structures	205/118		Cohen; Adam L.
US 20060283710 A1	US- PGPUB	20061221	METHODS OF AND APPARATUS FOR MAKING HIGH ASPECT RATIO MICROELECTROMECHANICAL STRUCTURES	205/118		Cohen; Adam L. et al.
US 20060282065 A1	US- PGPUB	20061214	Microtools and methods for fabricating such tools	606/1	606/207	Cohen; Adam L.
US 20060252993 A1	US- PGPUB	20061109	Medical devices and systems	600/146	600/149; 604/95.04	Freed; David I. et al.
US 20060238209 A1	US- PGPUB	20061026	Vertical microprobes for contacting electronic components and method for making such probes	324/754		Chen; Richard T. et al.
US 20060226015 A1	US- PGPUB	20061012	Method of forming electrically isolated structures using thin dielectric coatings	205/118		Smalley; Dennis R. et al.
US 20060135850 A1	US- PGPUB	20060622	Endoscope channel cap	600/154		Cohen; Adam L. et al.
US 20060134831 A1	US- PGPUB	20060622	Integrated circuit packaging using electrochemically fabricated structures	438/108	438/106; 438/121; 438/122	Cohen; Adam L. et al.
US 20060112550	US- PGPUB	20060601	Microprobe tips and methods for making	29/884		Kim; Kieun et al.

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US 20060109016 A1	US- PGPUB	20060525	Microprobe tips and methods for making	324/754		Arat; Vacit et al.
US 20060108678 A1	US- PGPUB	20060525	Probe arrays and method for making	257/690		Kumar; Ananda H. et al.
US 20060084265 A1	US- PGPUB	20060420	Method for electrochemically fabricating three- dimensional structures including pseudo- rasterization of data	438/670	438/671; 438/951	Cohen; Adam L. et al.
US 20060053625 A1	US- PGPUB	20060316	Microprobe tips and methods for making	29/874	29/884	Kim; Kieun et al.
US 20060051948 A1	US- PGPUB	20060309	Microprobe tips and methods for making	438/597		Kim; Kieun et al.
US 20060006888 A1	US- PGPUB	20060112	Electrochemically fabricated microprobes	324/754		Kruglick; Ezekiel J. J. et al.
US 20050272975 A1	US- PGPUB	20051208	In-vivo visualization system	600/113	600/154; 600/172	McWeeney, John O. et al.
US 20050256562 A1	US- PGPUB	20051117	Stent delivery handle and assembly formed therewith	623/1.11		Clerc, Claude et al.
US 20050253606 A1	US- PGPUB	20051117	Microprobe tips and methods for making	324/754		Kim, Kieun et al.
US 20050230261 A1	US- PGPUB	20051020	Electrochemical fabrication methods incorporating dielectric materials and/or using dielectric substrates	205/118		Cohen, Adam L. et al.
US 20050223543 A1	US- PGPUB	20051013	Electrochemical fabrication method for fabricating space transformers or co- fabricating probes and space transformers	29/602.1		Cohen, Adam L. et al.
US 20050221644 A1	US- PGPUB	20051006	Microprobe tips and methods for making	439/81		Kim, Kieun et al.
US 20050221529 A1	US- PGPUB	20051006	Complex microdevices and apparatus and methods for fabricating such devices	438/53	257/758; 438/622	Bang, Christopher A. et al.
US 20050215046 A1	US- PGPUB	20050929	Electrochemical fabrication methods incorporating dielectric materials and/or	438/619	438/628; 438/654; 438/669	Cohen, Adam L. et al.

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US 20050215023 A1	US- PGPUB	20050929	Electrochemical fabrication process for forming multilayer multimaterial microprobe structures	438/381		Cohen, Adam L. et al.
US 20050202667 A1	US- PGPUB	20050915	Electrochemical fabrication methods incorporating dielectric materials and/or using dielectric substrates	438/622	438/618; 438/619; 438/631	Cohen, Adam L. et al.
US 20050202660 A1	US- PGPUB	20050915	Electrochemical fabrication process including process monitoring, making corrective action decisions, and taking appropriate actions	438/533	257/E21.175; 257/E21.586	Cohen, Adam L. et al.
US 20050202180 A1	US- PGPUB	20050915	Electrochemical fabrication methods for producing multilayer structures including the use of diamond machining in the planarization of deposits of material	427/402	205/266; 205/291; 205/300	Cohen, Adam L. et al.
US 20050199583 A1	US- PGPUB	20050915	Electrochemical fabrication methods incorporating dielectric materials and/or using dielectric substrates	216/41		Cohen, Adam L. et al.
US 20050194348 A1	US- PGPUB	20050908	Electrochemical fabrication methods incorporating dielectric materials and/or using dielectric substrates	216/12	216/33; 216/94; 257/202	Cohen, Adam L. et al.
US 20050194258 A1	US- PGPUB	20050908	Electrochemical fabrication methods incorporating dielectric materials and/or using dielectric substrates	205/170	205/183	Cohen, Adam L. et al.
US 20050191786 A1	US- PGPUB	20050901	Integrated circuit packaging using electrochemically fabricated structures	438/106	438/119	Cohen, Adam L. et al.
US 20050189959 A1	US- PGPUB	20050901	Electrochemical fabrication process for forming multilayer multimaterial microprobe structures	324/762		Cohen, Adam L. et al.
US 20050181316 A1	US- PGPUB	20050818	Method and apparatus for maintaining parallelism of layers and/or achieving desired thicknesses of layers during the electrochemical fabrication of structures	430/455	438/460	Frodis, Uri et al.
US 20050181315	US- PGPUB	20050818	Method for electrochemically	430/455		Cohen, Adam L. et

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US 20050176238 A1	US- PGPUB	20050811	Electrochemical fabrication methods incorporating dielectric materials and/or using dielectric substrates	438/625	205/118; 438/622	Cohen, Adam L. et al.
US 20050173374 A1	US- PGPUB	20050811	Electrochemical fabrication methods incorporating dielectric materials and/or using dielectric substrates	216/41		Cohen, Adam L. et al.
US 20050171402 A1	US- PGPUB	20050804	Endoscope channel cap	600/154		Cohen, Adam L. et al.
US 20050142846 A1	US- PGPUB	20050630	Method and apparatus for maintaining parallelism of layers and/or achieving desired thicknesses of layers during the electrochemical fabrication of structures	438/622	257/E21.175; 257/E21.589	Frodis, Uri et al.
US 20050142739 A1	US- PGPUB	20050630	Probe arrays and method for making	438/254		Kumar, Ananda H. et al.
US 20050126916 A1	US- PGPUB	20050616	Three-dimensional structures having feature sizes smaller than a minimum feature size and methods for fabricating	205/50	428/357	Lockard, Michael S. et al.
US 20050121411 A1	US- PGPUB	20050609	Medical devices and EFAB methods and apparatus for producing them	216/10		Cohen, Adam L.
US 20050104609 A1	US- PGPUB	20050519	Microprobe tips and methods for making	324/754		Arat, Vacit et al.
US 20050072681 A1	US- PGPUB	20050407	Multi-step release method for electrochemically fabricated structures	205/170	205/223	Cohen, Adam L. et al.
US 20050072454 A1	US- PGPUB	20050407	Microcombustor and combustion-based thermoelectric microgenerator	136/205	136/224	Cohen, Adam L. et al.
US 20050067292 A1	US- PGPUB	20050331	Electrochemically fabricated structures having dielectric or active bases and methods of and apparatus for producing such structures	205/118	205/170	Thompson, Jeffrey A. et al.
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US 20050053849 A1	US- PGPUB	20050310	Electrochemical fabrication method for producing compliant beam-like structures	430/5		Cohen, Adam L. et al.
US 20050045585 A1	US- PGPUB	20050303	Method of electrochemically fabricating multilayer structures having improved interlayer adhesion	216/58	257/E21.175; 257/E21.586	Zhang, Gang et al.
US 20050043758 A1	US- PGPUB	20050224	Endoscopic medical instrument and related methods of use	606/206	606/167; 606/205	Golden, John et al.
US 20050032362 A1	US- PGPUB	20050210	Electrochemical fabrication methods including use of surface treatments to reduce overplating and/or planarization during formation of multi-layer three-dimensional structures	438/658	257/E21.581; 257/E21.586; 438/652; 438/677	Cohen, Adam L. et al.
US 20050029109 A1	US- PGPUB	20050210	Method of electrochemically fabricating multilayer structures having improved interlayer adhesion	205/118	205/135; 257/E21.175; 257/E21.586	Zhang, Gang et al.
US 20050023146 A1	US- PGPUB	20050203	Electrochemical fabrication method for producing multi-layer three-dimensional structures on a porous dielectric	205/118	205/135; 427/256; 427/443.1	Lembrikov, Pavel B. et al.
US 20050023145 A1	US- PGPUB	20050203	Methods and apparatus for forming multi-layer structures using adhered masks	205/118	205/135	Cohen, Adam L. et al.
US 20050023144 A1	US- PGPUB	20050203	Methods for electrochemically fabricating multi-layer structures including regions incorporating maskless, patterned, multiple layer thickness depositions of selected materials	205/118	205/135	Cohen, Adam L. et al.
US 20040251142 A1	US- PGPUB	20041216	Methods of reducing interlayer discontinuities in electrochemically fabricated three-dimensional structures	205/223	205/115	Cohen, Adam L. et al.
US	US-	20041118	Fluid delivery system and	604/99.0		Perry,

20040230157 A1	PGPUB		related methods of use	2		Stephen J. et al.
US 20040182716 A1	US- PGPUB	20040923	Method for electrochemically forming structures including non-parallel mating of contact masks and substrates	205/170	205/118	Cohen, Adam L. et al.
US 20040147124 A1	US- PGPUB	20040729	Non-conformable masks and methods and apparatus for forming three-dimensional structures	438/689		Cohen, Adam L. et al.
US 20040146650 A1	US- PGPUB	20040729	EFAB methods and apparatus including spray metal or powder coating processes	427/307	427/402; 427/446	Lockard, Michael S. et al.
US 20040140862 A1	US- PGPUB	20040722	Miniature RF and microwave components and methods for fabricating such components	333/117	333/156	Brown, Elliott R. et al.
US 20040134788 A1	US- PGPUB	20040715	Multi-cell masks and methods and apparatus for using such masks to form three-dimensional structures	205/135	205/170; 205/223	Cohen, Adam L. et al.
US 20040134772 A1	US- PGPUB	20040715	Monolithic structures including alignment and/or retention fixtures for accepting components	204/198	204/222	Cohen, Adam L. et al.
US 20040129573 A1	US- PGPUB	20040708	Multi-cell masks and methods and apparatus for using such masks to form three-dimensional structures	205/170	205/183	Cohen, Adam L.
US 20040084319 A1	US- PGPUB	20040506	Method for electrochemical fabrication	205/118	205/170	Cohen, Adam L.
US 20040065554 A1	US- PGPUB	20040408	Method of and apparatus for forming three-dimensional structures integral with semiconductor based circuitry	205/122	205/136; 257/E21.175; 257/E21.508; 257/E21.589	Cohen, Adam L.
US 20040065553 A1	US- PGPUB	20040408	Method for electrochemical fabrication	205/118	205/170	Cohen, Adam L.
US 20040065552 A1	US- PGPUB	20040408	Method for electrochemical fabrication	205/118	205/170	Cohen, Adam L.
US 20040044364 A1	US- PGPUB	20040304	Tissue fasteners and related deployment systems and methods	606/213		DeVries, Robert et al.
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20040020782 A1	PGPUB		fabricated hermetically sealed microstructures and methods of and apparatus for producing such structures			Adam L. et al.
US 20040007468 A1	US- PGPUB	20040115	Multistep release method for electrochemically fabricated structures	205/118	205/223	Cohen, Adam L. et al.
US 20040004002 A1	US- PGPUB	20040108	Electrochemically fabricated structures having dielectric or active bases and methods of and apparatus for producing such structures	205/118	205/134	Thompson, Jeffrey A. et al.
US 20040004001 A1	US- PGPUB	20040108	Method of and apparatus for forming three-dimensional structures integral with semiconductor based circuitry	205/118	205/134	Cohen, Adam L. et al.
US 20040000489 A1	US- PGPUB	20040101	Methods and apparatus for monitoring deposition quality during conformable contact mask plating operations	205/118	205/122; 257/E21.175; 257/E21.586	Zhang, Gang et al.
US 20030236536 A1	US- PGPUB	20031225	Endoscopic fundoplication devices and methods for treatment of gastroesophageal reflux disease	606/151	606/213	Grigoryants, Sergey S. et al.
US 20030222738 A1	US- PGPUB	20031204	Miniature RF and microwave components and methods for fabricating such components	333/206	204/227; 205/118; 333/243; 333/262; 343/792.5	Brown, Elliott R. et al.
US 20030221968 A1	US- PGPUB	20031204	Electrochemical fabrication method and apparatus for producing three-dimensional structures having improved surface finish	205/118	204/224M; 204/224R; 205/221; 205/222	Cohen, Adam L. et al.
US 20030183008 A1	US- PGPUB	20031002	Complex microdevices and apparatus and methods for fabricating such devices	73/514.0 1	73/514.32	Bang, Christopher A. et al.
US 20030127336 A1	US- PGPUB	20030710	Methods of and apparatus for making high aspect ratio microelectromechanical structures	205/93	205/135; 205/223; 257/E21.175; 257/E21.589	Cohen, Adam L. et al.
US 20030121791 A1	US- PGPUB	20030703	Methods of and apparatus for making high aspect ratio microelectromechanical	205/93	205/135; 205/223; 257/E21.175; 257/E21.589	Cohen, Adam L.

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US 20010029974 A1	US- PGPUB	20011018	Microcombustor and combustion-based thermoelectric microgenerator	136/201	136/205; 136/224; 205/122; 428/411.1	Cohen, Adam L. et al.
US 20010014409 A1	US- PGPUB	20010816	Article, method, and apparatus for electrochemical fabrication	428/606	204/280; 205/67; 205/70	Cohen, Adam L.
US 7163614 B2	USPAT	20070116	Methods of and apparatus for making high aspect ratio microelectromechanical structures	205/118	205/135; 205/137	Cohen; Adam L.
US 7160429 B2	USPAT	20070109	Electrochemically fabricated hermetically sealed microstructures and methods of and apparatus for producing such structures	205/220	205/118; 205/170; 205/223	Cohen; Adam L. et al.
US 7125413 B2	USPAT	20061024	Endoscopic fundoplication devices and methods for treatment of gastroesophageal reflux disease	606/153	606/139	Grigoryants; Sergey S. et al.
US 7109118 B2	USPAT	20060919	Electrochemical fabrication methods including use of surface treatments to reduce overplating and/or planarization during formation of multi-layer three-dimensional structures	438/697	257/E21.581; 257/E21.586; 438/692	Cohen; Adam L. et al.
US 7025721 B2	USPAT	20060411	Endoscope channel cap	600/154	600/153	Cohen; Adam L. et al.
US 6951456 B2	USPAT	20051004	Microcombustor and combustion-based thermoelectric microgenerator	431/215	110/204; 136/204; 136/209; 136/211; 136/212; 431/116; 431/242; 431/247; 431/254; 431/258; 431/350	Cohen; Adam L. et al.
US 6790377 B1	USPAT	20040914	Method for electrochemical fabrication	216/94	216/12; 216/56	Cohen; Adam L.
US 6613972 B2	USPAT	20030902	Microcombustor and combustion-based thermoelectric microgenerator	136/209	136/204; 136/211; 136/212	Cohen; Adam L. et al.
US 6572742 B1	USPAT	20030603	Apparatus for electrochemical fabrication using a conformable mask	204/297.05	204/224R	Cohen; Adam L.
US 6475369	USPAT	20021105	Method for electrochemical	205/135	205/118	Cohen;

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US 6333741 B1	USPAT	20011225	Boolean layer comparison slice	345/423	345/419	Snead; David E. et al.
US 6048487 A	USPAT	20000411	Recoating stereolithographic layers	264/401	250/432R; 250/492.1; 250/577; 264/308; 264/40.1; 264/408; 340/619; 340/623; 340/624; 425/135; 425/174.4; 73/293; 73/305; 73/319; 73/322.5	Almquist; Thomas A. et al.
US 6027630 A	USPAT	20000222	Method for electrochemical fabrication	205/135	205/118	Cohen; Adam L.
US 5913865 A	USPAT	19990622	Distal end for ligating band dispenser	606/140		Fortier; Richard C. et al.
US 5891382 A	USPAT	19990406	Recoating of stereolithographic layers	264/401	250/432R; 250/492.1; 250/577; 264/308; 264/40.1; 264/408; 340/619; 340/623; 340/624; 425/135; 425/174.4; 700/120; 73/293; 73/305; 73/319; 73/322.5	Almquist; Thomas A. et al.
US 5854748 A	USPAT	19981229	Boolean layer comparison slice	700/119	345/419	Snead; David E. et al.
US 5651934 A	USPAT	19970729	Recoating of stereolithographic layers	264/401	118/100; 118/120; 118/423; 118/429; 118/500; 118/620; 118/712; 156/272.8; 156/273.5; 156/275.5; 156/307.1; 156/379.6; 156/538; 250/432R; 250/492.1; 264/308; 425/174.4	Almquist; Thomas A. et al.
US 5481470 A	USPAT	19960102	Boolean layer comparison slice	700/119	345/419	Snead; David E. et al.
US 5447822 A	USPAT	19950905	Apparatus and related method for forming a substantially flat	430/269	264/401; 425/174.4; 427/487; 427/492	Hull; Charles W. et al.

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US 5321622 A	USPAT	19940614	Boolean layer comparison slice	700/182	345/419; 345/423	Snead; David E. et al.
US 5258146 A	USPAT	19931102	Method of and apparatus for measuring and controlling fluid level in stereolithography	264/401	118/423; 118/429; 118/620; 118/712; 156/273.5; 156/275.5; 156/307.1; 156/378; 156/379.6; 156/64; 250/432R; 250/492.1; 250/577; 264/308; 264/40.1; 264/40.4; 340/619; 340/623; 340/624; 365/106; 365/107; 425/135; 425/140; 425/147; 425/174.4; 427/512; 427/553; 427/554; 427/8; 73/293; 73/305; 73/319; 73/322.5	Almquist; Thomas A. et al.
US 5236423 A	USPAT	19930817	Facilitating endoscopy	604/271	600/115; 600/920	Mix; Thomas W. et al.
US 5096530 A	USPAT	19920317	Resin film recoating method and apparatus	156/229	118/506; 118/620; 156/246; 156/272.8; 156/273.7; 156/275.5; 156/285; 156/300; 156/378; 156/379; 156/379.8; 156/494; 264/255; 264/291; 264/401; 264/482; 264/510; 425/174.4; 427/171; 427/412.1; 427/581; 427/582	Cohen; Adam L.